

( Core Java Programs)

1. Write a program to find biggest of two numbers using ternary operator.
2. Write a program to find biggest of three numbers using ternary operator.
3. Write a program to check whether a given year is leap or not using ternary operator.
4. Write a program to check whether a given number is positive or negative using ternary operator.
5. Write a program to check whether a given number is even or odd using ternary operator.
6. Write a program to find the position of a point in a Cartesian coordinate system using ternary operator.
7. Write a program to take sides of a triangle and check the type of the triangle
8. Write a program to accept the co efficient of a quadratic equation like a,b and c and then find the Discriminant (  $disc = (b^2) - 4*a*c$ ). And display the type of the roots
9. Write a program to check given two points of a line are parallel to X axis or not in a Cartesian Co ordinate System using ternary operator.
10. Write a program to check given two points of a line are parallel to Y axis or not in a Cartesian Co ordinate System using ternary operator.
11. Write a program to find the grade of a student of a subject based on given table using ternary operator

Marks	Grade
$\geq 0$ to 35	FAIL
36 to 40	Pass Class
41 to 50	3rd Division
51 to 60	2nd Division
61 to 70	1st Division
71 to 100	Distinction

12. Write a program to find grade of an employee based on the following given table using ternary operator.

Salary	Grade
$< 15000$	Peon
15001 to 25000	2nd Division Clerk
25001 to 35000	1st Division Clerk
35001 to 45000	Assistant Manager
45001 to 60000	Manager

\*\*\*\*\*